



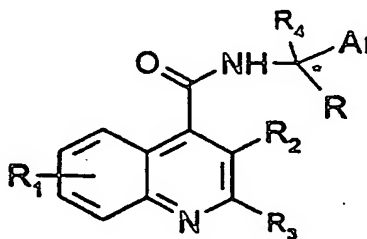
INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : C07D 401/06, A61K 31/47, C07D 215/52, 491/10 // (C07D 491/10, 317:00, 221:00)		A1	(11) International Publication Number: WO 98/52942
			(43) International Publication Date: 26 November 1998 (26.11.98)
(21) International Application Number: PCT/EP98/03014		(74) Agent: RUTTER, Keith; SmithKline Beecham plc, Corporate Intellectual Property, Two New Horizons Court, Brentford, Middlesex TW8 9EP (GB).	
(22) International Filing Date: 18 May 1998 (18.05.98)			
(30) Priority Data: 9710750.2 23 May 1997 (23.05.97) GB MI97A002354 17 October 1997 (17.10.97) IT MI97A002775 16 December 1997 (16.12.97) IT		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).	
(71) Applicant (for all designated States except US): SMITHKLINE BEECHAM S.P.A. [IT/IT]; Via Zambeletti, I-20021 Baranzate di Bollate (IT).			
(72) Inventors; and			
(75) Inventors/Applicants (for US only): GIARDINA, Giuseppe, Arnaldo, Maria [IT/IT]; SmithKline Beecham S.p.A., Via Zambeletti, I-20021 Baranzate di Bollate (IT). GRUGNI, Mario [IT/IT]; SmithKline Beecham S.p.A., Via Zambeletti, I-20021 Baranzate di Bollate (IT). GRAZIANI, Davide [IT/IT]; SmithKline Beecham S.p.A., Via Zambeletti, I-20021 Baranzate di Bollate (IT). RAVEGLIA, Luca, Francesco [IT/IT]; SmithKline Beecham S.p.A., Via Zambeletti, I-20021 Baranzate di Bollate (IT).		Published With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.	

(54) Title: QUINOLINE-4-CARBOXAMIDE DERIVATIVES AS NK-2 AND NK-3 RECEPTOR ANTAGONISTS

(57) Abstract

A compound, or a solvate or a salt thereof, of formula (I): wherein, Ar is an optionally substituted aryl or a C₅₋₇ cycloalkdienyl group, or a C₅₋₇ cycloalkyl group or an optionally substituted single or fused ring aromatic heterocyclic group; R is C₁₋₆ alkyl, C₃₋₇ cycloalkyl, C₃₋₇ cycloalkylalkyl, optionally substituted phenyl or phenyl C₁₋₆ alkyl, an optionally substituted five-membered heteroaromatic ring comprising up to four heteroatoms selected from O and N, hydroxy C₁₋₆ alkyl, amino C₁₋₆ alkyl, C₁₋₆ alkylaminoalkyl, di C₁₋₆ alkylaminoalkyl, C₁₋₆ acylaminoalkyl, C₁₋₆ alkoxyalkyl, C₁₋₆ alkylcarbonyl, carboxy, C₁₋₆ alkoxy carbonyl, C₁₋₆ alkoxy carbonyl C₁₋₆ alkyl, aminocarbonyl, C₁₋₆ alkylaminocarbonyl, di C₁₋₆ alkylaminocarbonyl, halogeno C₁₋₆ alkyl; or R is a group -(CH₂)_p- wherein p is 2 or 3 which group forms a ring with a carbon atom of Ar; R₁ represents hydrogen or up to four optional substituents selected from the list consisting of: C₁₋₆ alkyl, C₁₋₆ alkenyl, aryl, C₁₋₆ alkoxy, hydroxy, halogen, nitro, cyano, carboxy, carboxamido, sulphonamido, C₁₋₆ alkoxy carbonyl, trifluoromethyl, acyloxy, phthalimido, amino or mono- and di-C₁₋₆ alkylamino; R₂ represents a moiety -(CH₂)_n-NY₁Y₂ wherein n is an integer in the range of from 1 to 9, Y₁ and Y₂ are independently selected from hydrogen; C₁₋₆-alkyl; C₁₋₆ alkyl substituted with hydroxy, C₁₋₆ alkylamino or bis (C₁₋₆ alkyl) amino; C₁₋₆-alkenyl; aryl or aryl-C₁₋₆-alkyl or Y₁ and Y₂ together with the nitrogen atom to which they are attached represent an optionally substituted N-linked single or fused ring heterocyclic group; R₃ is branched or linear C₁₋₆ alkyl, C₃₋₇ cycloalkyl, C₄₋₇ cycloalkylalkyl, optionally substituted aryl, or an optionally substituted single of fused ring aromatic heterocyclic group; and R₄ represents hydrogen or C₁₋₆ alkyl; a pharmaceutical composition comprising such a compound, process for preparing such a compound and the use of such a compound in medicine.



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